

CLAIMS:

What is claimed is:

- 1           1.   A handheld device for providing medical information to a user, comprising:  
2               a housing;  
3               a display screen located on said housing;  
4               a memory having one or more instructions;  
5               a port to accept a security token from the user; and,  
6               a processor, coupled to the memory and the display screen, the processor,  
7           in response to said one or more instructions, to,  
8               validate said security token provided by said user;  
9               receive medical information electronically stored on a remote  
10           server over a network in response to one or more requests by said user,  
11           said remote server to be accessible by a plurality of remotely located users;  
12           and,  
13               display said medical information on said display screen.

- 1           2.   The handheld device of claim 1, wherein the display screen includes a menu  
2           bar with access keys, at least one of said access keys to link to said medical  
3           information, at least another of said access keys to cause said processor to  
4           display a submenu on said display screen.

- 1           3.   The handheld device of claim 2, wherein each of said access keys  
2           correspond to a category of medical information.

1 4. The handheld device of claim 1, wherein said security token includes a  
2 memory and an identification section containing information associated with  
3 said user.

1 5. The handheld device of claim 1, wherein said security token is an  
2 identification card, said security token to be validated using information stored  
3 on said remote server.

1 6. The handheld device of claim 1, wherein said security token comprises a  
2 alphanumeric code corresponding to identification data stored in a memory of  
3 said security token.

1 7. The handheld device of claim 1, further comprising a biometrics input  
2 device, and wherein said security token comprises a fingerprint which is  
3 provided to said biometrics input device.

1 8. The handheld device of claim 1, wherein said medical information is  
2 electronically stored on said remote server in an electronic data interchange  
3 standard format.

1 9. The handheld device of claim 1, further comprising a means for providing  
2 cellular communication between said handheld device and said network, where  
3 the network is the Internet and the remote server is connected to the Internet.

1 10. The handheld device of claim 1, wherein said medical information is stored  
2 in an electronic database comprised of records on said remote server, said  
3 medical information to be stored in said records where each record is associated  
4 with a patient.

1 11. The handheld device of claim 1, wherein said processor is further to provide  
2 updated medical information to said remote server which was provided by said  
3 user, said updated medical information to be electronically stored on said remote  
4 server.

1 12. The handheld device of claim 11, wherein said updated medical  
2 information is provided to a computer connected to said network before being  
3 provided to said remote server.

1 13. The handheld device of claim 1, wherein said user is one of the following: a  
2 patient, physician, paramedic, firefighter, hospital administrator, nurse, insurer,  
3 pharmacist, and therapist.

1 14. A system for providing medical information to a user over a network,  
2 comprising:  
3 a user computer having a display screen, a memory with one or more  
4 instructions, a card port for accepting an identification card, and a processor  
5 coupled to the display screen and the memory;  
6 means for electronically storing medical information on a remote server  
7 which is accessible to a plurality of remotely located users;  
8 means for said user to provide a security token to said user computer;  
9 means for validating said security token; and,  
10 means for transmitting a portion of said medical information from said  
11 remote server to said user computer over said network, said portion of medical  
12 information to be displayed to said user on the display screen.

1 15. The system of claim 14, wherein the display screen includes a menu bar  
2 with access keys, at least one of said access keys to link to said medical  
3 information, at least another of said access keys to cause said processor to  
4 display a submenu on said display screen.

1 16. The system of claim 15, wherein each of said access keys correspond to a  
2 category of medical information.

1 17. The system of claim 14, wherein said identification card includes a memory  
2 and an identification section containing information associated with said user.

1 18. The system of claim 14, wherein said security token is said identification  
2 card, said means for validating said security token to use information stored on  
3 the remote server.

1 19. The system of claim 14, wherein said security token comprises a  
2 alphanumeric code corresponding to identification data stored in a memory of  
3 said identification card.

1 20. The system of claim 14, further comprising means for inputting biometrics  
2 data, said security token to comprise a fingerprint which is to be provided to said  
3 means for inputting biometrics data.

1 21. The system of claim 14, wherein said means for electronically storing  
2 medical information comprises means for electronically storing medical  
3 information in an electronic data interchange standard format.

1 22. The system of claim 14, further comprising a means for providing cellular  
2 communication between said handheld device and said network, where the  
3 network is the Internet and the remote server is connected to the Internet.

1 23. The system of claim 14, wherein said means for electronically storing  
2 medical comprises means for electronically storing medical information in an  
3 electronic database comprised of records on said remote server, each of said  
4 records to be associated with a patient.

1 24. The system of claim 14, further comprising means for providing updated  
2 medical information to said remote server with said user computer, said updated  
3 medical information to be electronically stored on said remote server.

1 25. The system of claim 14, wherein said user is one of the following: a patient,  
2 physician, paramedic, firefighter, hospital administrator, nurse, insurer,  
3 pharmacist, and therapist.

1 26. A graphical user interface to display medical information on a user  
2 computer having a display screen, said display screen comprising,  
3 a first screen portion to display a plurality of access keys corresponding to  
4 medical information electronically stored on a remote server, said user computer  
5 to provide a request to said remote server over a network corresponding to a  
6 user selection of one or more of said plurality of access keys, said remote server  
7 to provide a portion of said medical information in response to said request, said  
8 remote server to be accessible by a plurality of remotely located users;  
9 a second screen portion to display a request for a security token to be  
10 provided by a user of said user computer prior to being able to select one or  
11 more of said access keys;

12 a third screen portion to display said portion of medical information.

1 27. The graphical user interface of claim 26, wherein the display screen further  
2 comprises a fourth screen portion to display a submenu in response to said user  
3 selection, said submenu to include access keys corresponding to medical  
4 information electronically stored on said remote server.

1 28. The graphical user interface of claim 27, wherein said second screen portion  
2 and said third screen portion each occupy at least a portion of the same area on  
3 said display screen at different times.

1 29. The graphical user interface of claim 26, wherein said display screen  
2 comprises a fourth screen portion to display a submenu which obstructs at least a  
3 portion of said first screen portion until said user has made a submenu selection.

1 30. The graphical user interface of claim 26, wherein said security token is an  
2 identification card, said security token to be validated using information stored  
3 on said remote server.

1 31. The graphical user interface of claim 26, wherein said security token  
2 comprises a alphanumeric code corresponding to identification data stored in a  
3 memory of an identification card.

1 32. The graphical user interface of claim 26, wherein said first screen portion  
2 further includes access keys to enable said user to provide updated medical  
3 information to said remote server, said updated medical information to be  
4 electronically stored on said remote server.

1 33. A method of providing medical information over a network comprising:  
2 storing medical information on a remote server which is accessible to a  
3 plurality of remotely located users;  
4 providing a security token to a user computer which is in communication  
5 with said remote server;  
6 validating said security token;  
7 transmitting a portion of said medical information from said server to said  
8 user computer over a network; and  
9 displaying said portion of medical information on a display screen of said  
10 user computer.

1 34. The method of claim 33, wherein displaying said portion of medical  
2 information comprises displaying said portion of medical information on the  
3 display screen of said user computer, said display screen to include a menu bar  
4 with access keys, at least one of said access keys to link to said medical  
5 information, at least another of said access keys to cause said user computer to  
6 display a submenu on said display screen.



1 35. The method of claim 34, wherein each of said access keys correspond to a  
2 category of medical information.

1 36. The method of claim 33, wherein providing the security token to a user  
2 computer comprises providing an identification card to a card port on said user  
3 computer, and wherein validating said security token comprises validating said  
4 security token using information stored on said remote server.

1 37. The method of claim 33, wherein validating said security token comprises  
2 validating said security token where said security token is an alphanumeric code.

1 38. The method of claim 33, wherein providing the security token to the user  
2 computer comprises providing a security token to a biometrics input device  
3 connected to said user computer.

1 39. The method of claim 33, wherein storing medical information on the remote  
2 server comprises storing medical information on said remote server in an  
3 electronic data interchange standard format.

1 40. The method of claim 33, further comprising providing cellular  
2 communication between said user computer and said network, where the  
3 network is the Internet and the remote server is connected to the Internet.

1 41. The method of claim 33, further comprising providing updated medical  
2 information to said remote server by said user computer, said updated medical  
3 information to be electronically stored on said remote server.

1 42. A computer program embodied on a computer-readable medium for  
2 providing medical information to a user computer having a display screen, a  
3 memory with one or more instructions, a card port for accepting an identification  
4 card, and a processor coupled to the display screen and the memory, said user  
5 computer being interconnected with a remote server over a network, the  
6 computer program comprising:

7 a code segment that electronically stores medical information on said  
8 remote server, said remote server to be accessible to a plurality of remotely  
9 located users;

10 a code segment for accepting a security token from a user of said user  
11 computer;

12 a code segment that validates said security token;

13 a code segment for transmitting a request from said user computer to  
14 view a portion of said medical information to said remote server;

15 a code segment for responding to said request by transmitting said  
16 portion of medical information from said remote server to said user computer  
17 over the network; and,

18 a code segment for displaying said portion on said user computer.

1 43. The computer program of claim 42, wherein the display screen includes a  
2 menu bar with access keys, at least one of said access keys to link to said medical  
3 information, at least another of said access keys to cause said processor to  
4 display a submenu on said display screen.

1 44. The computer program of claim 43, wherein each of said access keys  
2 correspond to a category of medical information.

1 45. The computer program of claim 42, wherein said identification card  
2 includes a memory and an identification section containing information  
3 associated with said user.

1 46. The computer program of claim 42, wherein said security token is said  
2 identification card, said security token to be validated using information stored  
3 on said remote server.

1 47. The computer program of claim 42, wherein said security token comprises a  
2 alphanumeric code corresponding to identification data stored in a memory of  
3 said identification card.

1 48. The computer program of claim 42, wherein said code segment for  
2 accepting a security token comprises code segment for accepting the security

3 token from the user, said security token to be comprises of a fingerprint which is  
4 provided to a biometrics input device.

1 49. The computer program of claim 42, wherein said code segment that  
2 electronically stores medical information comprises a code segment that  
3 electronically stores medical information on said remote server in an electronic  
4 data interchange standard format.

1 50. The computer program of claim 42, further comprising a code segment for  
2 enabling cellular communication between said user computer and said network,  
3 where the network is the Internet and the remote server is connected to the  
4 Internet.

1 51. The computer program of claim 42, further comprising a code segment to  
2 enable said user to provide updated medical information to said remote server,  
3 said updated medical information to be electronically stored on said remote  
4 server.

1 52. The computer program of claim 51, wherein said code segment to enable  
2 said user to provide updated medical information comprises code segment to  
3 enable said user to provide updated medical information to a computer  
4 connected to said network before said updated medical information is provided  
5 to said remote server.